

Name: _____

Game on Ecstasy

Instructions: Circle your answer on each question. Please answer every question. 

Nothing to Rave About – Episode 1: Quiz

- 1) One area of the brain affected by stimulants which is important for learning and memory is the:
 - a) Amygdala
 - b) Brain stem
 - c) Hippocampus
 - d) Hypothalamus
- 2) An energized feeling is characteristic of which type of drugs?
 - a) Antihistamines
 - b) Depressants
 - c) Hallucinogens
 - d) Stimulants
- 3) Effects from stimulants include:
 - a) Decreased body temperature and blood pressure
 - b) Decreased heart rate and increased alertness
 - c) Increased alertness and decreased body temperature
 - d) Increased heart rate and blood pressure
- 4) One example of a stimulant is:
 - a) Methamphetamine
 - b.) Mescaline
 - c) LSD
 - d) PCP
- 5) Drugs that can alter how things feel or smell to you are called:
 - a) Antihistamines
 - b) Depressants
 - c) Hallucinogens
 - d) Stimulants
- 6) Stimulants affect the hypothalamus which is the area of the brain that controls:
 - a) Breathing, heart rate, and blood pressure
 - b) Hearing and vision
 - c) Thirst, appetite, and body temperature
 - d) Thinking, decision-making, and planning
- 7) One area of the brain affected by stimulants which is important for thinking, decision-making, and planning is called:
 - a) Brain stem
 - b) Cerebral cortex
 - c) Hypothalamus
 - d) Nucleus accumbens
- 8) One example of a hallucinogen is:
 - a) Amphetamine
 - b) LSD
 - c) Cocaine
 - d) Ephedra
- 9) One area of the brain affected by stimulants which is important for breathing, heart rate, and blood pressure is called:
 - a) Brain stem
 - b) Nucleus accumbens
 - c) Hippocampus
 - d) Hypothalamus

- 10) PCP and magic mushrooms are examples of:
- a) Amphetamines
 - b) Hallucinogens
 - c) Methamphetamines
 - d) Stimulants

Instructions: Circle your answer on each question. Please answer every question.

Nothing to Rave About – Episode 3: Quiz

- 1) Ecstasy is not legal because animal research studies show that:
- a) It can alter your DNA
 - b) It causes brain cancer
 - c) It is made with toxic chemicals
 - d) It damages brain cells
- 2) Functional magnetic resonance imaging (fMRI) can show:
- a) Brain activity
 - b) Brain cells
 - c) Chemical composition
 - d) Neuron parts
- 3) A chemical that sends signal from one neuron to another is called _____:
- a) Acetaminophen
 - b) Enzyme
 - c) Mescaline
 - d) Neurotransmitter
- 4) Ecstasy interferes with serotonin reuptake by:
- a) Blocking the transporters
 - b) Destroying neurotransmitters
 - c) Releasing antidepressants
 - d) Retaining methamphetamines
- 5) A neurotransmitter involved in regulating the body's memory and mood is called _____:
- a) Ephedra
 - b) Ketamine
 - c) Mescaline
 - d) Serotonin
- 6) _____ are one of the ways by which scientists study the effects of Ecstasy on humans:
- a) Glucose tests
 - b) Memory tests
 - c) Respiratory tests
 - d) Reflex tests
- 7) What is one problem with studying Ecstasy?
- a) It's too costly to run tests
 - b) Most Ecstasy users are too young to be in a study
 - c) Many Ecstasy users also take other drugs
 - d) Their DNA is constantly changing
- 8) Neurons communicate across a tiny space called:
- a) Action potential
 - b) Neurotransmitter
 - c) Synapse
 - d) Transporter
- 9) Special cells in the brain and nervous system that carry instructions to all parts of the body are called:
- a) Lymphocytes

- b) Neurons
 - c) Normoblasts
 - d) Neurotransmitters
- 10) Human research shows that longtime users of Ecstasy have problems with:
- a) Brain cancer
 - b) Chronic fatigue
 - c) Low blood pressure
 - d) Memory
- 11) Animal studies show that Ecstasy can damage neurons and cause them to produce less:
- a) Serotonin
 - b) Ketamine
 - c) Amphetamine
 - d) Mescaline
- 12) One short-term effect caused by increased serotonin is:
- a) Decreased thirst
 - b) Decreased alertness
 - c) Elevated mood
 - d) Increased appetite
- 13) Scientists use _____ to study how Ecstasy may affect humans:
- a) Animals
 - b) Bacteria
 - c) Plants
 - d) Viruses